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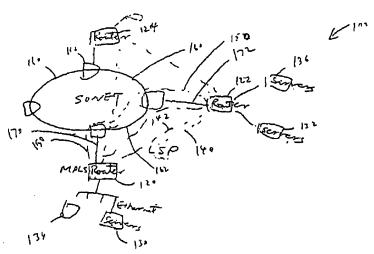
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: SYSTEM AND METHOD OF BINDING MPLS LABELS TO VIRTUALLY CONCATENATED SONET/SDH TRANSPORT CONNECTIONS



(57) Abstract: A system and method of binding MPLS labels to virtually concatenated SONET/SDH transport connections is provided. A system and method of binding MPLS labels to nxVt connections is provided and includes (1) classifying packets, and (2) mapping packets with a same forward equialence class to a same nxVT connection. In a further embodiment, the mapping includes: (a) associating a certain bandwidth of a connection between an external router (124) and an add-drop multiplexer (112), between a source node and the destination node, and (b) creating an nxVT connection between the source node and the destination node, thereby creating a label switch path (140, 142) between the source node and the destination node. In another embodiment, a system and method of binding MPLS labels to nxVT connections is also provided and includes mapping packets with the same MPLS label to the same nxVT connection.

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U.S. : 376/401, 709/200						
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched						
Electronic d	ata base consulted during the international search (nat	me of data base and, where practicable	e, scarch terms used)			
C. DOCUMENTS CONSIDERED TO BE RELEVANT						
Category*	Citation of document, with indication, where appr	ropriate, of the relevant passages	Relevant to claim No.			
A	US 6,034,964 A (FUKUSHIMA et al.)	1-9				
A	US 6,055,561 A (FELDMAN et al.) 25	APRIL 2000, ALL	1-9			
Fue	ther documents are listed in the continuation of Box (C. See patent family annex.				
blind after the international filling date or priority						
-4-	"A" document defining the general state of the art which is not considered the principle or theory as deriving the invention					
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